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AS/NZS 5814.1:2012

Australian/New Zealand Standard™

Information technology equipment—Energy performance of internal power supplies

Part 1: Methods of measurement of energy performance

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE-001, Safety of Electronic Equipment. It was approved on behalf of the Council of Standards Australia on 21 June 2012 and on behalf of the Council of Standards New Zealand on 26 June 2012.
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Australian Communications and Media Authority
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE-001, Safety of Electronic Equipment.

The objective of this Standard is to provide designers, manufacturers, importers, test laboratories, regulators and users of computers with a test method to assess the energy efficiency of this equipment.

This Standard was prepared in response to the publication of a plan for the regulation of computers under the Equipment Energy Efficiency Program (E3) in 2004. This Standard draws upon the test method referenced in the ENERGY STAR® Program Requirements for Computers: Version 5.0 and Version 5.2 (ENERGY STAR® V5.0 and V5.2 Computer Specification) published by the United States' Environmental Protection Agency (EPA) in 2010. The EPA test method is the de facto standard in the United States. This AS/NZS Standard is technically similar to the test method specified in the *Generalized Internal Power Supply Efficiency Test Protocol Rev 6.5*.

The term 'informative' is used to define the application of the appendix to which it applies. An informative appendix is only for information and guidance.

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